



## Product Specification

### GADOLINIUM (III) NITRATE

PRODUCT CODE	RE1220
SYNONYMS	--
C.I. NO.	--
CASR NO.	(94219-55-3)
ATOMIC OR MOLECULAR FORMULA	Gd(NO <sub>3</sub> ) <sub>3</sub> .XH <sub>2</sub> O(X=6)
ATOMIC OR MOLECULAR WEIGHT	343.26 (anhy.)
PROPERTIES	--

### Gd(NO<sub>3</sub>)<sub>3</sub>.XH<sub>2</sub>O(X=6)

PARAMETER	LIMIT
Description	White hygroscopic crystalline powder.
Solubility	Soluble in water.
Minimum assay (Trace metal basis)	99.9%
Melting point	91°C

**Note(s) : Assay (if applicable) method mentioned.**

#### DANGER

**Hazard statements:** May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

#### Precautionary statements

**Prevention:** Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

**Response:** If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code : 5.1/II

4UN No. : 1477

IATA : 5.1

**Disposal:** The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :-



Skin irritation



Oxidising